

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6535623").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 08:58
L2	1	("20030199762").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:39
L3	1	("20030099405").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:39
L4	1244	(382/254).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
L5	1034	(382/260).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
L6	440	(382/261).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
L7	131	(382/262).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
S1	1146	(382/254).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
S2	974	(382/260).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
S3	418	(382/261).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
S4	128	(382/262).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/21 14:30
S5	7805	spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/05/24 11:25
S6	134002	process\$3 WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/05/24 11:26
S7	28	(process\$3 WITH image WITH data WITH identif\$3 WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/05/24 11:33
S8	6	(process\$3 WITH input WITH image WITH data) SAME ( identif\$3 WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/05/24 11:34
S9	57	(process\$3 WITH input WITH image WITH data) AND ( spike WITH noise)	US-PGPUB; USPAT	OR	ON	2007/05/24 11:42
S10	2	(process\$3 WITH input WITH image WITH data) SAME ( spike WITH noise)	US-PGPUB; USPAT	OR	ON	2007/05/24 11:36
S11	4	spike WITH noise WITH input WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/05/24 11:41
S12	3	(spike WITH noise WITH input WITH image WITH data) AND blend\$	US-PGPUB; USPAT	OR	ON	2007/05/24 11:40

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S13	2	(spike WITH noise WITH input WITH image WITH data) AND (blend\$ WITH process\$3 WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/05/24 11:39
S14	2	characteriz\$3 WITH spike WITH noise WITH input WITH image	US-PGPUB; USPAT	OR	ON	2007/05/24 13:19
S15	1	identify\$3 WITH spike WITH noise WITH input WITH image	US-PGPUB; USPAT	OR	ON	2007/05/24 13:19
S16	6	spike WITH noise WITH input WITH image	US-PGPUB; USPAT	OR	ON	2007/05/24 13:20
S17	13	"5943433"	US-PGPUB; USPAT	OR	ON	2007/05/24 15:47
S18	1	("5943433").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:52
S19	1	(shrink\$3 WITH input WITH image WITH data ) SAME (interpolat\$3 WITH size WITH input WITH image)	US-PGPUB; USPAT	OR	ON	2007/05/24 15:54
S20	1	(shrink\$3 WITH input WITH image WITH data ) AND (interpolat\$3 WITH size WITH input WITH image)	US-PGPUB; USPAT	OR	ON	2007/05/24 15:55
S21	1	(shrink\$3 WITH input WITH image WITH data ) AND (interpolat\$3 WITH size )	US-PGPUB; USPAT	OR	ON	2007/05/24 15:55
S22	23	(shrink\$3 WITH input WITH image WITH data )	US-PGPUB; USPAT	OR	ON	2007/05/24 15:58
S23	13	(shrink\$3 WITH input WITH image WITH data ) AND interpolat\$3	US-PGPUB; USPAT	OR	ON	2007/05/24 15:58
S24	1	(shrink\$3 WITH input WITH image WITH data ) AND (interpolat\$3 WITH size)	US-PGPUB; USPAT	OR	ON	2007/05/24 15:59
S25	10	(shrink\$3 WITH input WITH image WITH data ) AND (interpolat\$3 WITH image)	US-PGPUB; USPAT	OR	ON	2007/05/24 15:59
S26	0	probability WITH discrete WITH picture WITH spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/05/25 08:49
S27	67	probability WITH spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/05/25 08:51
S28	1	( probability WITH spike WITH noise) SAME image	US-PGPUB; USPAT	OR	ON	2007/05/25 08:54
S29	14	( probability WITH spike WITH noise) AND image	US-PGPUB; USPAT	OR	ON	2007/05/25 08:54
S30	11	( probability WITH spike WITH noise) AND image AND data	US-PGPUB; USPAT	OR	ON	2007/05/25 11:27
S31	5	( probability WITH spike WITH noise) AND image AND data AND discrete	US-PGPUB; USPAT	OR	ON	2007/05/25 08:58

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S32	0	( probability WITH spike WITH noise) SAME ( image AND data AND discrete)	US-PGPUB; USPAT	OR	ON	2007/05/25 08:58
S33	1	mask WITH encod\$3 WITH weight\$3 WITH factor WITH blend\$3 WITH data	US-PGPUB; USPAT	OR	ON	2007/05/25 11:29
S34	1	mask WITH weight\$3 WITH factor WITH blend\$3 WITH data	US-PGPUB; USPAT	OR	ON	2007/05/25 11:29
S35	214	mask WITH weight\$3 WITH factor	US-PGPUB; USPAT	OR	ON	2007/05/25 11:30
S36	0	mask WITH weight\$3 WITH factor WITH processing WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/05/25 11:30
S37	1	(mask WITH weight\$3 WITH factor) SAME ( processing WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/05/25 11:31
S38	1	("7113306").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/25 13:42
S39	1	("20040161139").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/25 13:42
S40	1	("5673332").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:20
S41	1	("6009140").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:19
S42	1	("6292583").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:20
S43	1	("20030128374").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:20
S44	1	("20040161139").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:20
S45	1	("7113306").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/07 09:20
S46	0	(image WITH process\$3) SAME (identify\$3 WITH feature\$ WITH " of" WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:05
S47	155	(image WITH process\$3) SAME (identify\$3 WITH feature\$ WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:06
S48	1	(image WITH process\$3) SAME (identify\$3 WITH feature\$ WITH interest WITH produc\$3 WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:06
S49	95	(image WITH process\$3) WITH (identify\$3 WITH feature\$ WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:07

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S50	18	(image WITH process\$3) WITH (identify\$3 ADJ1 feature\$ WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:07
S51	16	(image WITH process\$3) WITH (identify\$3 ADJ1 feature\$ NEAR2 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:07
S52	15	(image WITH process\$3) WITH (identify\$3 ADJ1 feature\$ NEAR1 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:12
S53	182	(identify\$3 ADJ1 feature\$ NEAR1 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:12
S54	4931	(identify\$3 ADJ1 feature\$ " WITH of" WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:13
S55	0	(identify\$3 ADJ1 feature\$ WITH "of" WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:13
S56	4931	(identify\$3 ADJ1 feature\$ "ADJ1 of" WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:13
S57	186	(identify\$3 ADJ1 feature\$ ADJ2 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:14
S58	10	(identify\$3 ADJ1 feature\$ ADJ2 interest) WITH (image ADJ1 process\$3)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:16
S59	2	382/190.ccls. AND (identify\$3 ADJ1 feature ADJ2 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:17
S60	25	382/190.ccls. AND (identify\$3 WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:23
S61	417	(process\$3 WITH image) SAME ( (identify\$3 OR extract\$3) WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:25
S62	207	"382"/\$.ccls. AND (process\$3 WITH image) SAME ( (identify\$3 OR extract\$3) WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:26
S63	128	"382"/\$.ccls. AND (process\$3 WITH image) WITH ( (identify\$3 OR extract\$3) WITH feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:26
S64	37	"382"/\$.ccls. AND (process\$3 WITH image) WITH ( (identify\$3 OR extract\$3) ADJ1 feature WITH interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:26
S65	26	"382"/\$.ccls. AND (process\$3 WITH image) WITH ( (identify\$3 OR extract\$3) ADJ1 feature NEAR3 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:30

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S66	34	(process\$3 WITH image) WITH (identify\$3 OR extract\$3) ADJ1 feature NEAR3 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:32
S67	16	(process\$3 WITH image) WITH (identify\$3 ADJ1 feature NEAR3 interest)	US-PGPUB; USPAT	OR	ON	2007/11/19 16:37
S68	8102	spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/11/19 16:38
S69	1380	spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/19 16:38
S70	11	characteriz\$3 WITH spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/19 16:56
S71	1	characteriz\$3 ADJ1 spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/19 16:38
S72	3	characteriz\$3 NEAR3 spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/19 16:39
S73	365053	image WITH process\$3	US-PGPUB; USPAT	OR	ON	2007/11/19 16:39
S74	3	S70 and S73	US-PGPUB; USPAT	OR	ON	2007/11/19 16:40
S75	1	blend\$3 WITH spike WITH noise WITH process\$3 WITH image	US-PGPUB; USPAT	OR	ON	2007/11/19 17:05
S76	11	reduc\$3 WITH spike WITH noise WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/11/19 17:16
S77	3329704	(combin\$3 OR associat\$3 OR blend\$3)	US-PGPUB; USPAT	OR	ON	2007/11/19 17:17
S78	17	spike WITH noise WITH process\$2 WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/11/19 17:19
S79	17	S77 and S78	US-PGPUB; USPAT	OR	ON	2007/11/19 17:22
S80	0	combin\$3 WITH spike WITH noise WITH processed WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/11/19 17:23
S81	0	combin\$3 WITH spike WITH noise WITH process\$2 WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/11/19 17:23
S82	365433	image WITH process\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 08:35
S83	9712	perform\$3 WITH blend\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 08:35
S84	8110	spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/11/20 08:36
S85	7	S82 and S83 and S84	US-PGPUB; USPAT	OR	ON	2007/11/20 08:48

## EAST Search History

S86	1	"20020093686"	US-PGPUB; USPAT	OR	ON	2007/11/20 08:43
S87	2	"7006709"	US-PGPUB; USPAT	OR	ON	2007/11/20 08:46
S88	111	"5673332"	US-PGPUB; USPAT	OR	ON	2007/11/20 08:46
S89	1	("5673332").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 08:46
S90	2	"7006709"	US-PGPUB; USPAT	OR	ON	2007/11/20 09:07
S91	3331929	blend\$3 OR associat\$3 OR combin\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 09:08
S92	1380	spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/20 09:09
S93	365433	image WITH process\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 09:09
S94	136	S91 and S92 and S93	US-PGPUB; USPAT	OR	ON	2007/11/20 09:16
S95	3	"6493416"	US-PGPUB; USPAT	OR	ON	2007/11/20 09:16
S96	1	("6493416").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 09:24
S97	1	("6535623").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 09:30
S98	0	(filter\$2 WITH image) WITH (input WITH image) WITH (blend\$3 WITH paramter)	US-PGPUB; USPAT	OR	ON	2007/11/20 09:32
S99	3	(filter\$2 WITH image) WITH (input WITH image) WITH (blend\$3 WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/11/20 09:33
S10 0	9527780	$R = bF + (1-b)I$	US-PGPUB; USPAT	OR	ON	2007/11/20 09:34
S10 1	9527780	$R = b*Fi + (1-b)*I$	US-PGPUB; USPAT	OR	ON	2007/11/20 09:35
S10 2	41	$(R = b*Fi + (1-b)*I)$ WITH blend\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 10:38
S10 3	111	"5673332"	US-PGPUB; USPAT	OR	ON	2007/11/20 10:38
S10 4	1	("5673332").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 10:39
S10 5	1380	spike ADJ1 noise	US-PGPUB; USPAT	OR	ON	2007/11/20 10:39
S10 6	184	rank ADJ1 order WITH filter\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 10:40

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S10 7	122	rank ADJ1 order ADJ1 filter\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 10:41
S10 8	5	S105 and S107	US-PGPUB; USPAT	OR	ON	2007/11/20 10:40
S10 9	11	rank ADJ1 order ADJ1 filter\$3 WITH input WITH image	US-PGPUB; USPAT	OR	ON	2007/11/20 11:06
S11 0	13	(comput\$3 WITH absolute WITH difference) WITH( input WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/11/20 11:09
S11 1	3	(comput\$3 ADJ1 absolute ADJ1 difference) WITH( input WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/11/20 11:07
S11 2	19	(comput\$3 WITH absolute WITH difference) SAME ( input WITH image WITH data)	US-PGPUB; USPAT	OR	ON	2007/11/20 11:28
S11 3	1	("5673332").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 11:41
S11 4	40	multi ADJ1 level ADJ1 mask	US-PGPUB; USPAT	OR	ON	2007/11/20 12:34
S11 5	30	spike WITH noise WITH likelihood	US-PGPUB; USPAT	OR	ON	2007/11/20 11:43
S11 6	2	S114 and S115	US-PGPUB; USPAT	OR	ON	2007/11/20 11:43
S11 7	1	(spike WITH noise WITH likelihood) SAME (image WITH process\$3)	US-PGPUB; USPAT	OR	ON	2007/11/20 11:44
S11 8	0	generat\$3 WITH multi ADJ1 mask WITH spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/11/20 12:35
S11 9	1	generat\$3 WITH multi WITH mask WITH spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/11/20 12:35
S12 0	76277	generat\$3 WITH threshold	US-PGPUB; USPAT	OR	ON	2007/11/20 12:41
S12 1	30	spike WITH noise WITH likelihood	US-PGPUB; USPAT	OR	ON	2007/11/20 12:36
S12 2	8	S120 and S121	US-PGPUB; USPAT	OR	ON	2007/11/20 12:40
S12 3	1684	generat\$3 WITH threshold WITH (image WITH process\$3)	US-PGPUB; USPAT	OR	ON	2007/11/20 12:43
S12 4	1	("5673332").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 12:49
S12 5	2	multi ADJ1 level WITH threshold WITH criterion	US-PGPUB; USPAT	OR	ON	2007/11/20 12:53
S12 6	365433	image WITH process\$3	US-PGPUB; USPAT	OR	ON	2007/11/20 12:54
S12 7	3602	shrink\$3 WITH image	US-PGPUB; USPAT	OR	ON	2007/11/20 12:54

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S12 8	21270	interpolat\$3 WITH image	US-PGPUB; USPAT	OR	ON	2007/11/20 12:55
S12 9	302	S126 and S127 and S128	US-PGPUB; USPAT	OR	ON	2007/11/20 13:39
S13 0	1	("20050111751").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 13:43
S13 1	1	perform\$3 WITH blend\$3 WITH discrete WITH picture	US-PGPUB; USPAT	OR	ON	2007/11/20 13:45
S13 2	919	(show\$3 OR display\$3) WITH spike WITH noise	US-PGPUB; USPAT	OR	ON	2007/11/20 13:46
S13 3	9	perform\$3 WITH ( blend\$1 OR combin\$3 OR associat\$3) WITH discrete WITH picture	US-PGPUB; USPAT	OR	ON	2007/11/20 13:48
S13 4	0	S132 and S133	US-PGPUB; USPAT	OR	ON	2007/11/20 13:48
S13 5	24443	feature WITH interest	US-PGPUB; USPAT	OR	ON	2007/11/20 14:50
S13 6	69	structural WITH region WITH image WITH data	US-PGPUB; USPAT	OR	ON	2007/11/20 14:50
S13 7	18	S135 and S136	US-PGPUB; USPAT	OR	ON	2007/11/20 15:50
S13 8	1	("6535623").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 15:10
S13 9	1	"7171057"	US-PGPUB; USPAT	OR	ON	2007/11/20 17:02
S14 0	1	("6009140").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 17:03
S14 1	1	("6,535,623").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 17:03